

Product datasheet for **MR225903L4V**

Atp7a (NM_009726) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Atp7a (NM_009726) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Atp7a |
| Synonyms: | MNK |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_009726 |
| ORF Size: | 4473 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR225903). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_009726.5 , NP_033856.3 |
| RefSeq Size: | 8143 bp |
| RefSeq ORF: | 4476 bp |
| Locus ID: | 11977 |
| UniProt ID: | Q64430 |
| Cytogenetics: | X 47.36 cM |



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Gene Summary:

May supply copper to copper-requiring proteins within the secretory pathway, when localized in the trans-Golgi network. Under conditions of elevated extracellular copper, it relocated to the plasma membrane where it functions in the efflux of copper from cells (By similarity).
[UniProtKB/Swiss-Prot Function]